

## (12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
15 April 2004 (15.04.2004)

PCT

(10) International Publication Number  
**WO 2004/032544 A1**

(51) International Patent Classification<sup>7</sup>: **H04Q 7/26**

(21) International Application Number:  
PCT/PT2003/000013

(22) International Filing Date: 1 October 2003 (01.10.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
102846 2 October 2002 (02.10.2002) PT

(71) Applicant and

(72) Inventor: **ROSADO, Teresa Maria de Andrade**  
[PT/PT]; Rua Dr. José Baptista de Sousa, 27 1º Drº.,  
1500-244 Lisboa (PT).

(74) Agent: **MOREIRA, Alves, Pedro**; Rua do Patrocínio, 94,  
1399-019 Lisboa (PT).

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

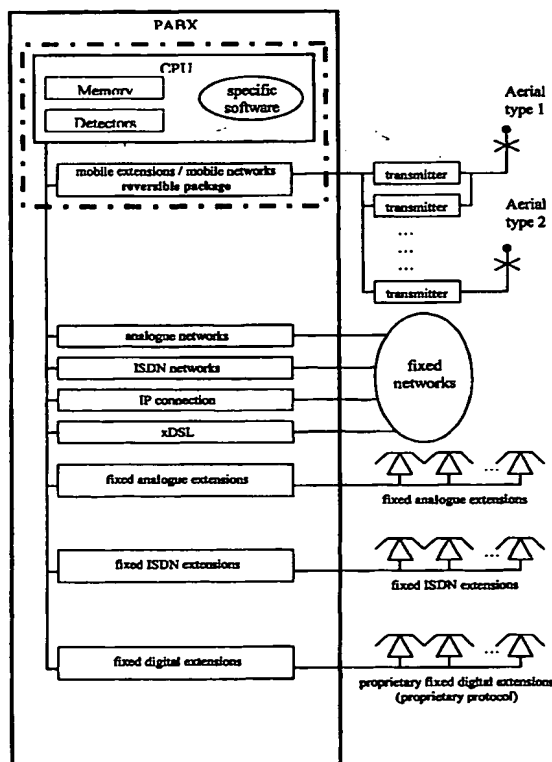
(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

(54) Title: A COMMUNICATION SYSTEM BETWEEN A MOBILE PHONE AND A TELEPHONE/DATA SWITCHING SYSTEM WHICH ALLOWS THE MOBILE PHONE TO BE AN EXTENSION OF THIS TELEPHONE/DATA SWITCHING SYSTEM



(57) Abstract: The present invention refers to a communication system between a mobile phone and a PABX, which allows any programmable mobile phone to work as a PABX extension, being the PABX responsible for answering, making and transferring phone calls, as well as detection, identification and integration of mobile phones, and also a PABX installed software which allows to perform those functions.

WO 2004/032544 A1

BEST AVAILABLE COPY